Item	Emergency Backup Generator - 400 Gallon	Used Oil Heater - 250 Gallon					Comments
	Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	
7.0 Miscellaneous							
7.1 Electrical wiring and boxes: Are they in good condition?							
7.2 Labels and tags: Ensure that all labels and tags are intact and readable.							

Inspection Date:

_____

Inspectors Printed Name: _____

Inspectors Signature: _____

1. This Annual Inspection Checklist follows Steel Tank Institute SP001 checklist guidance.
2. This AST inspection is intended for monitoring the external tank condition and containment structure. The inspection shall be performed by the owners inspector and does not have to be performed by a certified inspector.
3. Inspect the AST shell and associatd piping, valves, and pumps including inspection of the coating for paint failure.
4. Inspect: Earthen containment structures including examination for holes, washout, and cracking in addition to liner degradation and tank settling. Concrete containment structures and tank foundations/supports including examination of holes, washout, settling, paint failure, in additon to examination for corrosion and leakage. Steel containment strucutres and tank foundations/supports including examination for washout, settling, cracking, and for paint failure, in additon to examination for corrosion and leakage.
5. Inspection of cathodic protection system, if applicable, includes the wire connections for galvanic systems, and visual inspection of the operational components (power switch, meters, and alarms) of impressed current systems.
6. Remove promptly upon discoverty standing water or liquid in the primary tank, secondary containment area, interstice, or spill container. Before discharge to the environment, inspect the liquid for oil or sheen and dispose of properly.
7. In order to comply with EPA SPCC rules, a facility must regularly test liquid level sensing devices to ensure proper operation (40 CFR 112.8©(8)(v).
8. The completed checklists must be maintained for 36 months howver, internal policy dictates that the records will be maintained for a minimum of five years.
9. Complete this checklist on an annual basis supplemental to the owner monthly-performed inspection checlists.
10. Note: If change has occurred to the tank system or containment that may affect the SPCC Plan, the should be evaluated against the current plan requirement by a Professional Engineer knowledgable in SPCC development and implementation.

Coastal Energy - SPCC Plan
Annual Inspection Checklist - Transformers

Item	T-1 Yes-No-N/A	T-2 Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	Comments
1.0 Tank Containment							
1.1 Is the containment structure free from; holes or cracks in the containment wall or floor, washout, liner degradation, corrosion, leakage, paint failure and tank settling?							
2.0 Tank Foundatation and Supports							
2.1 Evidence of tank settlement or foundation washout?							
2.2 Cracking or spalling of concrete pad or ring wall?							
2.3 Tank supports in satisfactory condition and free from corrosion, paint failure, etc.?							
2.4 Water able to drain away from tank?							
2.5 Grounding strap secured and in good condition?							
3.0 Cathodic Protection							
3.1 Is the CP system functional and includes the wire connections for galvanic systems?							
3.2(a) Operational components (power switch, meters and alarms) been inspected for working condition?							
3.2(b) If applicable, record the hour meter, ampmeter and voltmeter readings of the impressed current system.							
4.0 Tank Shell, Heads and Roof							
4.1 Evidence of paint failure?							
4.2 Are there any; dents, buckling, bulging, corrosion or cracking in the steel of the tank?							
4.3 Is there low points or stading water on the roof slope?							
5.0 Tank Equipment							
5.1 Vents: Verify that components are moving freely and vent passageways are not obstructed for: Emergency vent covers, pressure/vacuum vent poppets and other moving vent components.							
5.2 Valves: Check the condition of all valves for leaks, corrosion and damage.							
5.2.1 Anti-siphon check and gate valves: Cycle the valve open and closed and check for proper operation.							
5.2.2 Pressure regulator valve: Check for proper operation. (Note that there may be small, 1/4 inch drain plugs in the bottom of the valve that are not visible by looking from above only.)							
5.2.3 Expansion relief valve: Check that the valve is in the proper orientation. (Note that fuel must be discharged back to the tank via a separate pipe or tubing.)							
5.2.4 Solenoid valves: Cycle power to valve to check operation. (Electrical solenoids can be verified by listening to the plunger opening and closing. If no audible confirmation, the valve should be inspected for the presence and operation of the plunger.)							

Item	T-1 Yes-No-N/A	T-2 Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	Comments
5.2.5 Fire and shear valves: (a) Manually cycle the valve to ensure components are moving freely and that the valve handle or lever has clearance to allow valve to close completely. (b) Valves must not be wired in open position. (c) Make sure fusible element is in place and correctly positioned. (d) Be sure test ports are sealed with plug after testing is complete and no temporary test fixture or component remains connected to valve.							
5.3 Interstitial leak detection equipment: Check condition of equipment, including; the window is clean and clear in sight leak gauges, the wire connections of electronic gauges for tightness and corrosion, activate the test button, if applicable.							
5.4 Spill containment boxes on fill pipe: (a) If corrosion damage, or wear has compromised the ability of the unit to perform spill containment functions, replace the unit. (b) Inspect the connections to the AST for tightness, as well as the bolts, nuts, washers for condition and replace if necessary. (c) Drain valves must be operable and closed.							
5.5 Strainer: (a) Check that the strainer is clean and in good condition. (b) Access strainer basket and check cap and gasket seal as well as bolts.							
5.6 Filter: (a) Check that the filter is in good condition and is within the manufacturers expected service life. Replace if necessary. (b) Check for leaks and decreased fuel flow.							
5.7 Flame arrestors: Follow manufacturer's instructions. Check for corrosion and blockage of air passage.							
5.8 Leak detector for submersible pump systems: Test according to manufacturer's instructions and authority having jurisdiction (AHJ). Verify leak detectors are suited and properly installed for aboveground use.							
5.9 Liquid level equipment: (a) Has equipment been tested to ensure proper operation? (b) Does equipment operate as required? (c) Follow manufacturer's instructions.							
5.10 Overfill equipment: (a) Follow manufacturer's instructions and regulatory requirements for inspection and functionality verification. (b) Confirm device is suited for above ground use by the manufacturer.							
6.0 Insulated Tanks							
6.1 Insulation: Check condition of insulation for; missing sections, areas of moisture, mold and damage.							
6.2 Insulation cover or jacket: Check for damage that will allow water intrusion.							

Item	T-1	T-2					Comments
	Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	
7.0 Miscellaneous							
7.1 Electrical wiring and boxes: Are they in good condition?							
7.2 Labels and tags: Ensure that all labels and tags are intact and readable.							

Inspection Date:

_____

Inspectors Printed Name: _____

Inspectors Signature: _____

1. This Annual Inspection Checklist follows Steel Tank Institute SP001 checklist guidance.
2. This AST inspection is intended for monitoring the external tank condition and containment structure. The inspection shall be performed by the owners inspector and does not have to be performed by a certified inspector.
3. Inspect the AST shell and associatd piping, valves, and pumps including inspection of the coating for paint failure.
4. Inspect: Earthen containment structures including examination for holes, washout, and cracking in addition to liner degradation and tank settling. Concrete containment structures and tank foundations/supports including examination of holes, washout, settling, paint failure, in additon to examination for corrosion and leakage. Steel containment strucutres and tank foundations/supports including examination for washout, settling, cracking, and for paint failure, in additon to examination for corrosion and leakage.
5. Inspection of cathodic protection system, if applicable, includes the wire connections for galvanic systems, and visual inspection of the operational components (power switch, meters, and alarms) of impressed current systems.
6. Remove promptly upon discoverty standing water or liquid in the primary tank, secondary containment area, interstice, or spill container. Before discharge to the environment, inspect the liquid for oil or sheen and dispose of properly.
7. In order to comply with EPA SPCC rules, a facility must regularly test liquid level sensing devices to ensure proper operation (40 CFR 112.8©(8)(v).
8. The completed checklists must be maintained for 36 months howver, internal policy dictates that the records will be maintained for a minimum of five years
9. Complete this checklist on an annual basis supplemental to the owner monthly-performed inspection checlists
10. Note: If change has occurred to the tank system or containment that may affect the SPCC Plan, the should be evaluated against the current plan requirement by a Professional Engineer knowledgable in SPCC development and implementation.

Coastal Energy - SPCC Plan

Portable Container Annual Inspection Checklist - Totes

Item	Motor Oil - 120 Gallon Portable Tanks (X2)	Hydraulic Oil - 55 Gallon Drum (Multiple)	Gear Oil - 55 Gallon Drum (Multiple)	Motor Oil - 55 Gallon Drum (Multiple)			Comments
	Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	Yes-No-N/A	
1.0 AST Containment/Storage Area							
1.1 Portable containers within designated storage area?							
1.2 Debris, spills, or other fire hazards in containment or storage areas?							
1.3 Water in outdoor secondary containment?							
1.4 Drain valves operable and in a closed position? 1.5 Egress pathways clear and gates/doors operable?							
2.0 Leak Detection							
2.1 Visible signs of leakage around the containers or storage area?							
3.0 Containers							
3.1 Noticeable container distortions, buckling, denting, or bulging?							

Inspection Date:

_____

Inspectors Printed Name:

_____

Inspectors Signature:

_____

1. This Monthly Inspection Checklist follows Steel Tank Institute SP001 checklist guidance.
2. This AST inspection is intended for monitoring the external tank condition and containment structure. The inspection shall be performed by the owners inspector and does not have to be performed by a certified inspector.
3. The completed checklists must be maintained for 36 months howver, internal policy dictates that the records will be maintained for a minimum of five years.

APPENDIX D

APPENDIX D

Record of Secondary Containment Drainage

Coastal Energy Corporation

Record of Secondary Containment Drainage

This record must be completed when rainwater from diked areas is drained into a storm drain or into an open watercourse, lake, or pond, and bypasses the water treatment system. The bypass valve must normally be sealed in closed position. It must be opened and resealed following drainage under responsible supervision.

Date	Diked Area	Presence of Oil	Time Started	Time Finished	Signature

APPENDIX E

APPENDIX E

Record of Discharge Prevention Briefings and Training

Record of Annual Discharge Prevention Briefings and Training

Briefings will be scheduled and conducted by the facility owner or operator for operating personnel at regular intervals to ensure adequate understanding of this SPCC Plan. The briefings will also highlight and describe known discharge events or failures, malfunctioning components, and recently implemented precautionary measures and best practices. Personnel will also be instructed in operation and maintenance of equipment to prevent the discharge of oil, and in applicable pollution laws, rules, and regulations. Facility operators and other personnel will have an opportunity during the briefings to share recommendations concerning health, safety, and environmental issues encountered during facility operations.

Date	Subjects Covered	Employees in Attendance	Instructor(s)

APPENDIX F

APPENDIX F

Calculations of Secondary Containment Capacity

SECONDARY CONTAINMENT VOLUME CALCULATIONS FOR Tanks A1-A10, F1, & F2

SUMMARY	
LOCATION:	Willow Springs, MO
CONTAINMENT DESCRIPTION:	Bulk Storage
LARGEST TANK VOLUME:	30,000
NET CONTAINMENT VOLUME:	60,707
CONTAINMENT SIZED APPROPRIATELY:	YES

Net containment for all bulk storage needs to be 110% of the capacity of the largest vessel.

Mathematic Formulas:

radius = c/2π
cubic volume = l x w x h
cylindric volume = $\pi \times r^2 \times h$
net volume = gv - ov
needed net volume = tv x 110%

Conversion Factors:

7.48052 gal = 1 ft^3

Largest Tank Capacity:

Tank Name: Tank #A1 **TANK VOLUME:** 30,000 **gallons**

Gross Volume of Containment (gv):

Gross Volume = l x w x h

Dimension	Measurement (ft)
length =	80.0
width =	72.0
height =	1.830

GROSS VOLUME = 10,541 ft^3 or 78,851 **gallons**

Occupied Volume of Containment (ov):

Tank Displacement Volume = $\pi \times r^2 \times$ h (containment height - pad height)

Tank Name	Circumference (ft)	Radius (ft)	Containment Height (ft)	Displaced Volume in Containment (ft^3)
Tank A1	37.7	6.0	1.83	206.86
Tank A2	37.7	6.0	1.83	206.86
Tank A3	37.7	6.0	1.83	206.86
Tank A4	37.7	6.0	1.83	206.86
Tank A5	37.7	6.0	1.83	206.86
Tank A6	37.7	6.0	1.83	206.86
Tank A7	37.7	6.0	1.83	206.86
Tank A8	37.7	6.0	1.83	206.86
Tank A9	37.7	6.0	1.83	206.86
Tank A10 largest not included				
Tank F1	44.0	7.0	1.83	281.56
Tank F2	44.0	7.0	1.83	282.08
Total Volume Displaced by Tanks Within Containment =				**2,425.41** ft^3

Misc. Items in Containment	Raw Data	Formula or Regulation Applied	Displaced Volume (ft^3)
Piping and Concrete Blocks	Visual Inspection	Engineering Estimation	0.00
Total Volume Displaced by Miscellaneous Items =			**0.00** ft^3

OCCUPIED VOLUME = **2,425.41** ft^3 or **18,143** **gallons**

Net Volume of Containment Verification:

LARGEST TANK VOLUME (gal)	GROSS VOLUME (gal)	OCCUPIED VOLUME (gal)	ACTUAL NET VOLUME (gal)	NEEDED NET VOLUME (gal)
30,000	**78,851**	**18,143**	**60,707**	**33,000**

Coastal Energy Corporation

Secondary Containment Calculations of Stand Alone Tanks

Tank	Volume (gals)	110% of tank volume (gals)	Secondary Containment length (ft)	Secondary Containment width (ft)	Secondary Containment height (ft)	Secondary containment Area (ft3)	Secondary Containment Volume Capacity(gals) (ft3*7.48)	Secondary Containment Sufficient
B1	4,150	4,565	42	11	4	1,848	13,823	TRUE
DT1	6,000	6,600	14	19	5	1,295	9,687	TRUE
DT2	17,500	19,250	35	12	7	2,940	21,991	TRUE
Used Oil	1,100	1,210	7	16	2	172	1,286	TRUE
Emergency Generator	400	440	72	80	2	8,640	64,627	TRUE

APPENDIX G

APPENDIX G

Records of Tank Integrity and Pressure Tests

APPENDIX H

APPENDIX H

Emergency Contacts

EMERGENCY NOTIFICATION PHONE LIST

CONTACT LIST	RESPONSIBLE ROLE	PHONE NUMBER
CONTACTS		
SPCC Coordinator Gary Picard Alternate, SPCC Coordinator Erik Montgomery	Notification of response agencies; spill reporting	(417) 469-2777 office (417) 855-0194 cell (417) 469-2777 office (417) 252-1040 cell
GOVERNMENTAL CONTACTS		
National Response Center	Incident reporting (if required)	1 (800) 424-8802
Federal On-Scene Coordinator (EPA Region VII)	Incident reporting; Spill response assistance	913-281-0991 or 913 -551-7000
State Emergency Response Commission (SERC)	Incident reporting	1-800-780-1014
Missouri Department of Natural Resources	Incident reporting; Spill response assistance	573-634-2436
Fire Department / Police Department	Traffic and crowd control; Evacuation assistance	911
EMERGENCY RESPONSE CONTRACTORS:		
Environmental Works, Inc.	Spill response and clean up resources	(417) 890-9500 (office) (877) 827-9500 (24-hour)
OTHER CONTACTS		
National Weather Service St. Louis MO	Weather reports	636-441-8467
Local Radio KSMU 91.1 FM - Springfield KUKU 100.3 FM – Willow Springs	Public information	 1-417-836-5878 1-417-256-1025
Missouri **One**-Call	Utility location	1-800-344-7483
Ozarks Medical Center 1100 Kentucky Ave West Plains, MO 65775	Medical assistance	1-417-256-9111

APPENDIX I

APPENDIX I

Discharge Notification Form

Discharge Notification Form

Part A: Discharge Information	
General information when reporting a spill to outside authorities: Name: Address Telephone: Owner/Operator: Primary Contact:	
Type of oil:	Discharge Date and Time:
Quantity released:	Discovery Date and Time:
Quantity released to a waterbody:	Discharge Duration:
Location/Source:	
Actions taken to stop, remove, and mitigate impacts of the discharge:	
Affected media: G air G water G soil	G storm water sewer/POTW G dike/berm/oil-water separator G other: _____
Notification person:	Telephone contact: Business: 24-hr:
Nature of discharges, environmental/health effects, and damages: Injuries, fatalities or evacuation required?	

Part B: Notification Checklist		
	Date and time	Name of person receiving call
Discharge in any amount		
Gary Picard, SPCC Coordinator 417-469-2777 (O) 417-855-0194 (C) Erik Montgomery, Alternate SPCC Coordinator 417-469-2777 (O) 417-252-1040 (C)		
Discharge in amount exceeding 50 gallons and not affecting a waterbody or groundwater.		

Local Fire Department or 911		
Missouri Department of Natural Resources 573-634-2436		
Discharge in any amount and affecting (or threatening to affect) a waterbody		
Local Fire Department or 911		
Missouri Department of Natural Resources 573-634-2436		
National Response Center (800) 424-8802		
Environmental Works, Inc. 24-hour Spill Response 877-827-9500		

APPENDIX J

APPENDIX J

Discharge Response Equipment Inventory

Emergency Response Equipment Location

Spill cleanup materials and equipment are available at the facility at all times for the containment and cleanup of discharges. In the event that a discharge occurs from any of the tanks, onsite personnel will use supplies and equipment to contain the discharge to the property.

The following items are recommended to be made available to catch or clean up any petroleum products that are discharged.

- Gloves.
- Boots.
- Brooms.
- Safety Glasses.
- Coveralls.
- Plastic Sheeting.
- Non-sparking Shovels.
- Supply of dry absorbent, sand bags, oil booms, pads and pillows.
- Heavy equipment capable of loading, hauling, unloading and manipulating large quantities of absorbent materials and waste products produced from spill.
- Oil/water pump.
- 2-way radios.
- Containers for the cleanup of spilled materials.

A written commitment of manpower, equipment, and materials is demonstrated by: signing the Certification Information page (**Section 1.1**) at the beginning of the SPCC Plan by the Coastal Energy facility management; taking routine inventories of the containment and cleanup supplies; and developing a plan between the Coastal Energy facility and an outside spill contractor for the acquisition of necessary equipment, materials and supplies that would be used when responding to an oil discharge at this facility.

APPENDIX K

APPENDIX K

Agency Notification Standard Report

Agency Notification Standard Report

Information contained in this report, and any supporting documentation, must be submitted to the EPA Region 1 Regional Administrator, and to MADEP, within 60 days of the qualifying discharge incident.

Facility:	Coastal Energy Corporation
Owner/operator:	Coastal Energy Corporation 1 Coastal Drive Willow Springs, MO 65793
Name of person filing report:	
Location:	
Maximum storage capacity:	
Daily throughput:	
Nature of qualifying incident(s): G Discharge to navigable waters or adjoining shorelines exceeding 1,000 gallons G Second discharge exceeding 42 gallons within a 12-month period.	
Description of facility (attach maps, flow diagrams, and topographical maps):	

Agency Notification Standard Report (cont'd)
Cause of the discharge(s), including a failure analysis of the system and subsystems in which the failure occurred:
Corrective actions and countermeasures taken, including a description of equipment repairs and replacements:
Additional preventive measures taken or contemplated to minimize possibility of recurrence:
Other pertinent information:

APPENDIX L

APPENDIX L

Table 2.1 Oil Containers & Potential Discharge

ID	Storage Capacity (gallons)	Contents	Secondary Containment Type	Location	Flow Direction	Potential Failure	Discharge Rate (gpm)
Tank A1	30,000	Ethanol	65,000 gal Capacity Concrete & 3.5 million gal Capacity Earthen Retention Pond	Northern Portion of Bulk Plant	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
Tank A2	30,000	Ethanol	65,000 gal Capacity Concrete & 3.5 million gal Capacity Earthen Retention Pond	Northern Portion of Bulk Plant	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
Tank A3	30,000	Ethanol	65,000 gal Capacity Concrete & 3.5 million gal Capacity Earthen Retention Pond	Northern Portion of Bulk Plant	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
Tank A4	30,000	Ethanol	65,000 gal Capacity Concrete & 3.5 million gal Capacity Earthen Retention Pond	Northern Portion of Bulk Plant	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
Tank A5	30,000	Ethanol	65,000 gal Capacity Concrete & 3.5 million gal Capacity Earthen Retention Pond	Northern Portion of Bulk Plant	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
Tank A6	30,000	Ethanol	65,000 gal Capacity Concrete & 3.5 million gal Capacity Earthen Retention Pond	Northern Portion of Bulk Plant	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies

ID	Storage Capacity (gallons)	Contents	Secondary Containment Type	Location	Flow Direction	Potential Failure	Discharge Rate (gpm)
Tank A7	30,000	Ethanol	65,000 gal Capacity Concrete & 3.5 million gal Capacity Earthen Retention Pond	Northern Portion of Bulk Plant	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
Tank A8	30,000	Ethanol	65,000 gal Capacity Concrete & 3.5 million gal Capacity Earthen Retention Pond	Northern Portion of Bulk Plant	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
Tank A9	30,000	Ethanol	65,000 gal Capacity Concrete & 3.5 million gal Capacity Earthen Retention Pond	Northern Portion of Bulk Plant	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
Tank A10	30,000	Ethanol	65,000 gal Capacity Concrete & 3.5 million gal Capacity Earthen Retention Pond	Northern Portion of Bulk Plant	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
1	30,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
2	30,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies

ID	Storage Capacity (gallons)	Contents	Secondary Containment Type	Location	Flow Direction	Potential Failure	Discharge Rate (gpm)
3	30,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
4	30,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
5	30,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
6	30,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
7	210,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
8	420,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies

ID	Storage Capacity (gallons)	Contents	Secondary Containment Type	Location	Flow Direction	Potential Failure	Discharge Rate (gpm)
9	420,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
10	420,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
11	420,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
12	30,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
13	30,000	Asphalt Oil	23.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
14	30,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies

ID	Storage Capacity (gallons)	Contents	Secondary Containment Type	Location	Flow Direction	Potential Failure	Discharge Rate (gpm)
15	30,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
16	30,000	Polymer	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
17	30,000	Polymer	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
18	30,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
19	30,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
20	30,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies

ID	Storage Capacity (gallons)	Contents	Secondary Containment Type	Location	Flow Direction	Potential Failure	Discharge Rate (gpm)
21	30,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
22	30,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
23	30,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
24	30,000	Asphalt Oil	3.5 million gallon Earthen Berm Retention Pond	Centrally Located on the Northeastern Portion of the Bulk Plant, See Figure 2	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
F1	20,000	Fusel	65,000 gal Concrete Containment and 3.5 million gal. Earth Berm Retention Pond	Northern Portion of Bulk Plant	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
F2	20,000	Fusel	65,000 gal Concrete Containment and 3.5 million gal. Earth Berm Retention Pond	Northern Portion of Bulk Plant	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies

ID	Storage Capacity (gallons)	Contents	Secondary Containment Type	Location	Flow Direction	Potential Failure	Discharge Rate (gpm)
B1	12,000	Off Road #2 Diesel	13,823 gal Concrete Containment and 3.5 million gal. Earth Berm Retention Pond	Southern Portion of Bulk Plant	East toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
Diesel Tank 1	6,000	Diesel	9,600 gal. Metal Pan Secondary Containment	Southeast Corner of Maintenance Shop Area	Northwest toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
Diesel Tank 2	17,500	Diesel	22,000 gal Metal Pan Secondary Containment	Southeast Corner of Maintenance Shop Area	Northwest toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
Used Oil	1,100	Used Oil	1,278 gal. Concrete Secondary Containment	South Exterior of Maintenance Shop	Inside Containment	Rupture or Leak	Varies
Emergency Backup Generator	400	Diesel	450 gal. Capacity Metal Pan	South of Administrative Offices	Northwest toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies

ID	Storage Capacity (gallons)	Contents	Secondary Containment Type	Location	Flow Direction	Potential Failure	Discharge Rate (gpm)
Hot Oil Heater	1500	Heater Oil	General Secondary Containment, Spill Kits	Bulk plant	East towards the Eleven Point River if secondary containment is breeched.	Rupture or Leak	Varies
Transformer 1	255	Oil	General Secondary Containment, Spill Kits	Maintenance Facility	Northwest toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
Transformer 2	175	Oil	General Secondary Containment, Spill Kits	Railspur Facility	Northeast toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies

Total Oil Storage: 2,812,000 gallons

ID	Storage Capacity (gallons)	Contents	Secondary Containment Type	Location	Flow Direction	Potential Failure	Discharge Rate (gpm)
Used Oil Heater	250	Used Oil	General Secondary Containment, Spill Kits	Interior of Maintenance Shop	Northwest toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
Shop Oil	120 (x2)	Motor Oil "Magnum Engine Oil"	General Secondary Containment, Spill Kits	Interior of Maintenance Shop	Northwest toward the Eleven Point River if secondary containment is breeched	Rupture or Leak	Varies
Hydraulic Oil Drum	55 (multiple)	Hydraulic Oil	General Secondary Containment, Spill Kits	Interior of Maintenance Shop	Northwest toward the Eleven Point River if secondary containment is breeched	Rupture Overfill Tip Over	Varies
Gear Oil Drum	55 (multiple)	Gear Oil	General Secondary Containment, Spill Kits	Interior of Maintenance Shop	Northwest toward the Eleven Point River if secondary containment is breeched	Rupture Overfill Tip Over	Varies
Motor Oil Drum	55 (multiple)	Motor Oil	General Secondary Containment, Spill Kits	Interior of Maintenance Shop	Northwest toward the Eleven Point River if secondary containment is breeched	Rupture Overfill Tip Over	Varies

APPENDIX M

APPENDIX M

Notice to Tank Vehicle Drivers

Notice to All Tank Vehicle Drivers

To prevent the release of substances hazardous to the environment, tank vehicle drivers entering this facility are to comply with the following rules.

1. Exercise caution when maneuvering to avoid damage to containment walls.

2. Inspect tank, fitting, and liquid level indicator prior to filling.

3. Place drip pans under all pump hose fittings prior to loading/unloading.

4. Block vehicle wheels before starting to load/unload.

5. Remain with the vehicle while loading/unloading.

6. Drain loading/unloading line to storage tank.

7. Verify that all drain valves are closed before disconnecting loading/unloading line to storage tank.

8. Inspect vehicle before departure to be sure all loading/unloading lines have been disconnected and vent valves are closed.

In the event of any leakage or spillage, immediately report it to the facilities SPCC Coordinator, Gary Picard, or Alternate, Erik Montgomery, by calling (417) 469-2777.